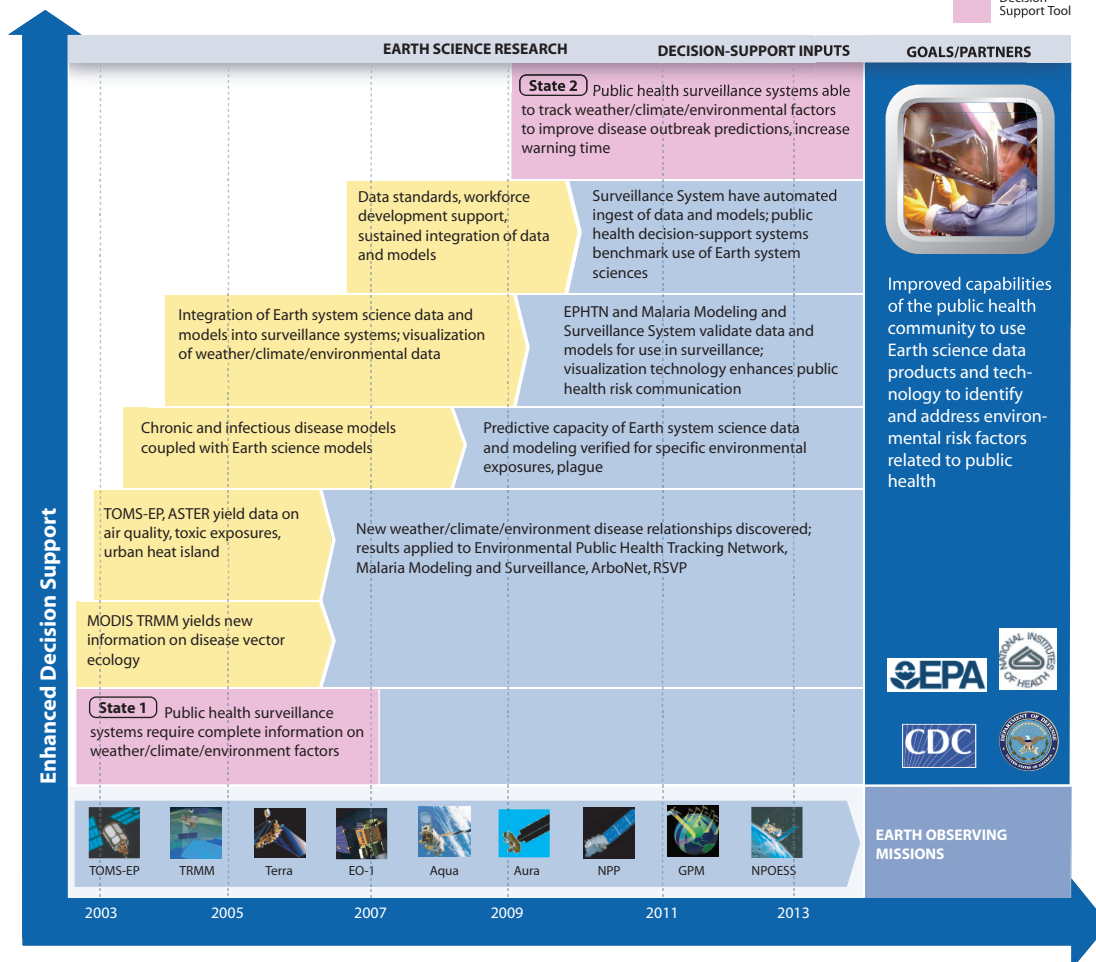


# Roadmap Public Health

Unfunded  
Funded  
Decision-Support Tool



## Where we are now

Earth science missions (Terra, TOMS, TRMM) provide information on environmental features correlated with disease risk factors, such as ecotones, flooding, human settlements, and soil moisture

Earth observing instruments, advanced communication technology, high speed computing capabilities, data products, and predictive models of Earth system phenomena associated with the occurrence of disease assists partners in enhancing epidemiologic surveillance systems

## Where we plan to be

Weather, climate, natural hazards, and other environmental factors are routinely included in disease forecasting

More accurate representation of environmental risk factors enhances the prediction of and response to infectious disease outbreaks, harmful exposures, chronic disease conditions, and bioterrorism

Verified and validated Earth science enhancements to public health decision support tools

2004

2012